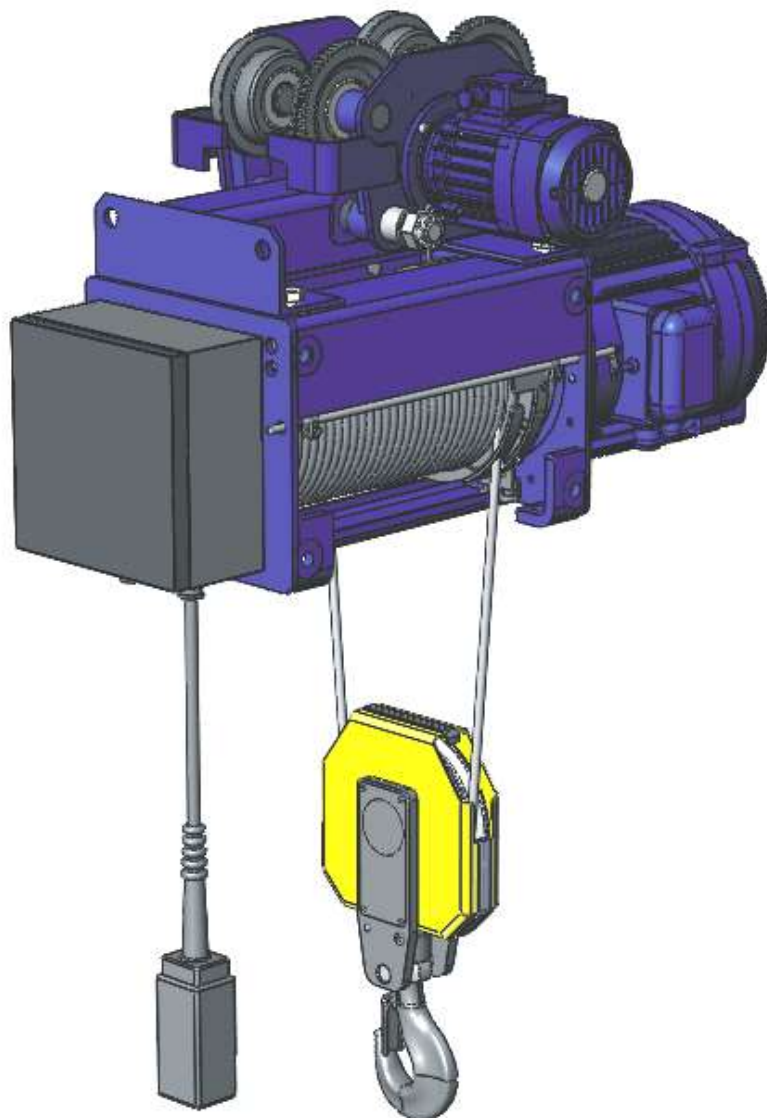




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Electric motor company BDS EN ISO 9001 Quality system



SPARE PARTS CATALOGUE

**ELECTRIC WIRE ROPE HOISTS TYPE HVAT
WITH MONORAIL TROLLEY**

CONTENT:

1. How to use the catalogue	2
2. Traverse for monorail trolley – fig. 1,2	3,4,5,6
3. Traverse for monorail trolley – fig. 3,4	7,8
4. Monorail trolley	9
5. Attachments for monorail trolley	10,11
6. Monorail trolley-articulated trolley	12,13

The present catalogue complies with the following standards:

БДС 2.601 – 82 Exploitation documents

DIN V 8418 Benutzerinformation

EN 292 – 2:1991 Sicherheit von Maschinen

DIN 24420, Teil 1 Ersatzteillisten, Allgemeines

DIN 24420, Teil 2 Ersatzteillisten, Form und Bau des Textteiles

ГОСТ 2.601 – 95 ЕСКД. Эксплуатационные документы

ISO 10973:1995(E) Cranes – Spare Parts manual

Each purchase order should contain the following data:

1. **Type, serial number, year of production** of the electric hoist written on the hoist nameplate and **group of operation**.
2. **Designation** and **catalogue number** of the requested spare part.
3. **Quantity** required for each spare part
4. **Catalog index**, written in the bottom right corner of each page.
5. **Shipment requirements**.
6. **Exact address for delivery**.

For spare parts supply please refer to the following address:

SDM DŹWIGI I WCIĄGNIKI Sp. z o.o

Aleja Tadeusza Kościuszki 2A

42-202 Częstochowa

NIP: PL 9492278845

e-mail: biuro@sdm-wciagniki.pl

[tel: +48880428970](tel:+48880428970)

HOW TO USE THE CATALOGUE

The present catalogue covers all the parts needed for manufacturing of electric hoists series VAT with monorail trolley KM- HVAT.

The tables contain figure number and parts position and in the opposite-the designation, quantity and catalogue number of the corresponding execution.

Customers can place orders for the whole assembled unit as well as separate parts of it. The assembled unit positions are marked with medium brackets. Undetachable units positions are marked with big brackets and delivered as a whole.

The numbers of the standardized items, such as bolts, nuts, safety rings etc., are marked with small brackets. Usually they are not delivered as spare parts by the manufacturer, but they could be ordered by the customer as an exception. They are drawn and depicted in order to benefit the easy functioning of the electric hoist. If some of them should be replaced, a special attention should be paid in keeping the strength class of the carrying details:

VAT series electric wire rope hoists with monorail trolley are designed for lifting heights as per Table 1.

Table 1

Size	Q [kg]	Reeving	Lifting height [m]												
			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13
VAT 10	1000	2/1	6,5	9	12	18	24	30	36	42	48				
	2000	4/1	6	9	12	15	18	21	24						
VAT 20	2000	2/1	8,5	11,5	15	22	29	36	43	50					
	4000	4/1	7,5	11	14,5	18	21,5	25							
VAT 30	3200	2/1	7,5	10	13	19	25	31	37	43	49				
	6300	4/1	6,5	9,5	12,5	15,5	18,5	21,5	24,5						
VAT 40	5000	2/1	6,5	9,5	12,5	18,5	25,5	31,5	36,5	42,5	48,5				
	10000	4/1	6	9	12,5	15,5	18	21	24						
VAT 50	8000	2/1	-	9	12	18	24	30	36	42	48	54	60	66	72
	16000	4/1	-	9	12	15	18	21	24	27	30	33	36		
VAT 50 /1Am/	20000	4/1	-	9	12	15	18	21	24	27	30	33	36		
VAT 60	12500	2/1	-	-	14	17	23	29	35,5	41,5	47,5				
VAT 64	16000	2/1	-	-	14	19	24,5	29,5	35	40					
VAT 60 /3m/	20000	4/1	-	8,5	11,5	14,5	17,5	20,5	23,5						

Designations used in the catalogue:

V – Travel speed

H – Lifting speed

a – Reeving

THE MANUFACTURER RESERVES THE RIGHT TO MAKE CHANGES IN THE PARTS CATALOGUE.

TRAVERSE FOR MONORAIL TROLLEY

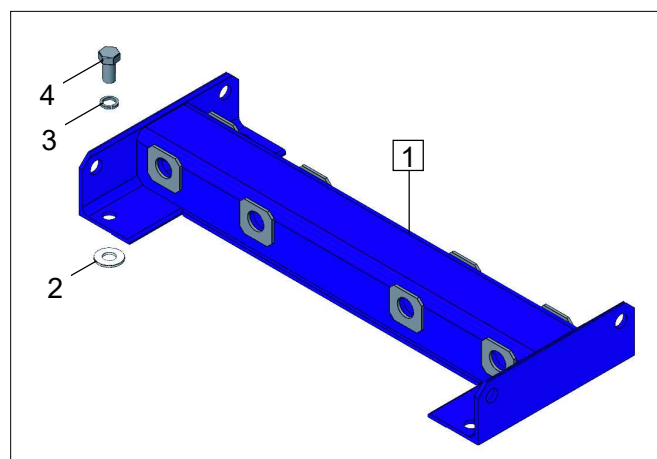
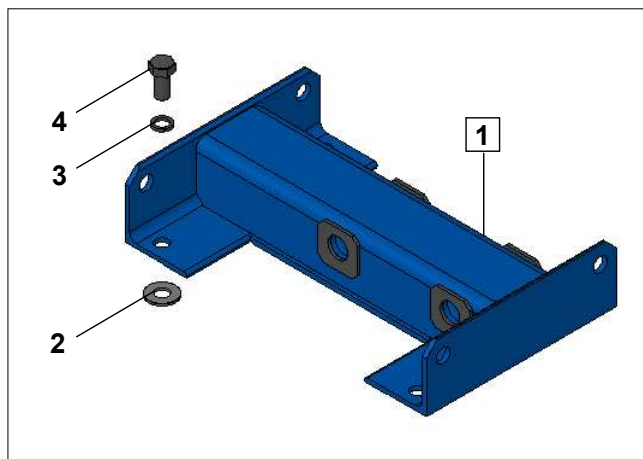


Fig.1

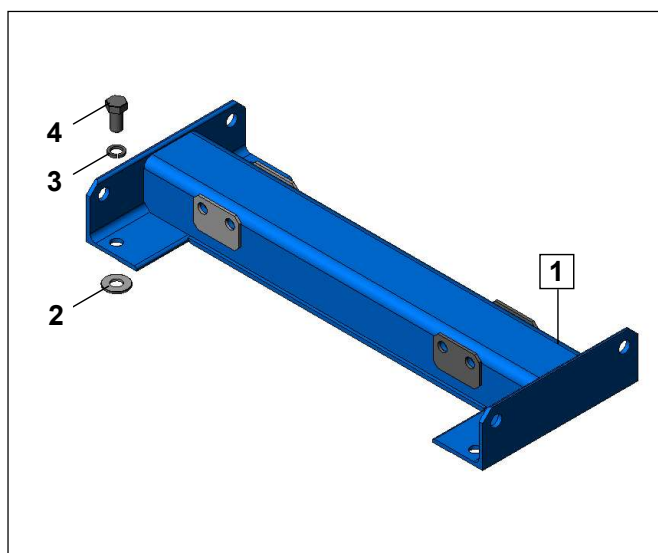


Fig..2

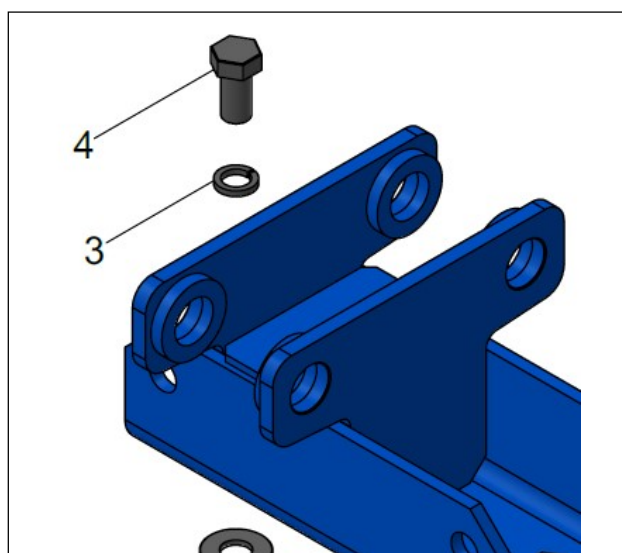


Fig.3

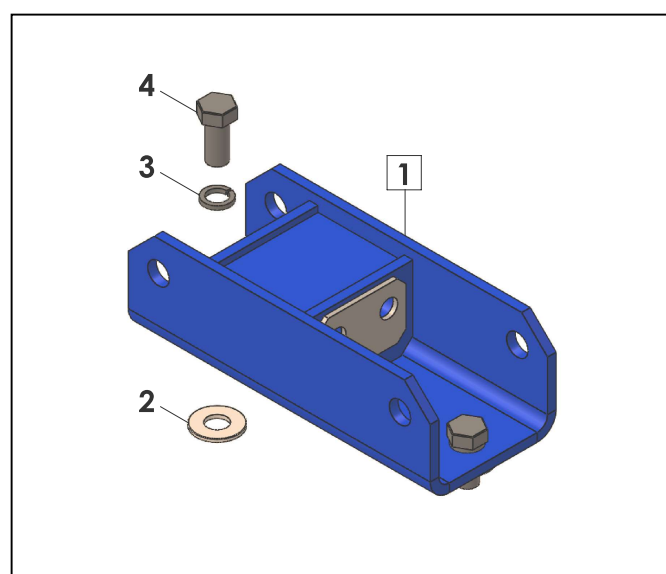
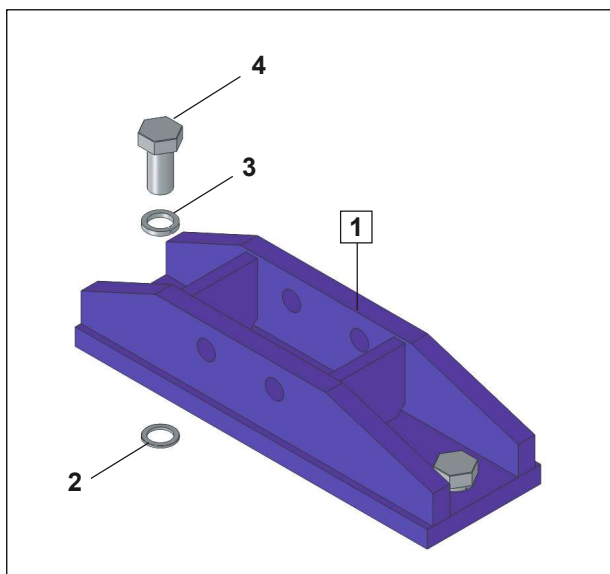


Fig.4

Table 2

VAT10																		
Capacity			1t									2t						
Reeving			2/1									4/1						
Number of trolleys			1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2
Beam width			B = 90...300															
Lifting height [m]			H1	H2	H3	H4	H5	H6	H7	H8	H9	H1	H2	H3	H4	H5	H6	H7
Pos.	Name	Qty	Catalogue number															
{1}	Traverse Fig.1	1	1112815	1112862	1112878	1115685	1115690	1343009	1343014	1343023	1343035	1342932	1342948	1342953	1342969	1342974	1342989	1342995
{1}	Traverse /with NOT/ Fig.1	1	1116254	1116260	1116275	1116280	1116296	1343040	1343056	1343061	1343077	1342932	1342948	1342953	1342969	1342974	1342989	1342995
{1}	Traverse for articulated trolley Fig.2	1	-	-	-	1386173	1386189	1386194	1386206	1386215	1386220	-	1387381	1387397	1387402	1387418	1387423	1387439
{1}	Traverse for articulated trolley /with NOT/ Fig.2	1	-	-	-	1386262	1386278	1386283	1386299	1386304	1386310	-	1387381	1387397	1387402	1387418	1387423	1387439
2	Washer	4	2327213															
(3)	Spring washer DIN7980	4	2 16H															
(4)	Bolt DIN931 / 8.8	4	M16 x 28															

Table 2 contd.

VAT20																		
Capacity			2t									4t						
Reeving			2/1									4/1						
Number of trolleys			1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2
Beam width			B = 130...300															
Lifting height [m]			H1	H2	H3	H4	H5	H6	H7	H8	H9	H1	H2	H3	H4	H5	H6	H7
Pos.	Name	Qty	Catalogue number															
{1}	Traverse Fig.1	1	1114206	1114215	1114220	1114236	1114241	1343260	1343276	1343281	1343297	1115140	1115151	1115161	1343501	1343517	1343522	-
{1}	Traverse /with NOT/ Fig.1	1	1114152	1114168	1114173	1114189	1114194	1343302	1343318	1343323	1343339	1115140	1115151	1115161	1343501	1343517	1343522	-
{1}	Traverse for articulated trolley Fig.2	1	-	-	-	1115266	1115271	1343344	1343354	1343365	1343370	-	1115287	1115292	1343538	1343543	1343559	-
{1}	Traverse for articulated trolley /with NOT/ Fig.2	1	-	-	-	1115596	1115601	1343386	1343391	1343407	1343412	-	1115287	1115292	1343538	1343543	1343559	-
2	Washer	4	2322917															
(3)	Spring washer DIN7980	4	2 20H															
(4)	Bolt DIN931 / 8.8	4	M20 x 40															

Table 2 contd.

VAT30																		
Capacity			3,2t									6,3t						
Reeving			2/1									4/1						
Number of trolleys			1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2
Beam width			B = 130...300															
Lifting height [m]			H1	H2	H3	H4	H5	H6	H7	H8	H9	H1	H2	H3	H4	H5	H6	H7
Pos.	Name	Qty	Catalogue number															
{1}	Traverse Fig.1	1	1114206	1114215	1114220	1114236	1114241	1343260	1343276	1343281	1343297	1112747	1114660	1114676	1343468	1343475	1343480	1343496
{1}	Traverse /with NOT/ Fig.1	1	1114152	1114168	1114173	1114189	1114194	1343302	1343318	1343323	1343339	1112747	1114660	1114676	1343468	1343475	1343480	1343496
{1}	Traverse for articulated trolley Fig.2	1	-	-	-	1115266	1115271	1343344	1343354	1343365	1343370	-	1115245	1115250	1343428	1343433	1343449	1343454
{1}	Traverse for articulated trolley /with NOT/ Fig.2	1	-	-	-	1115596	1115601	1343386	1343391	1343407	1343412	-	1115245	1115250	1343428	1343433	1343449	1343454
2	Washer	4	2322917															
(3)	Spring washer DIN7980	4	2 20H															
(4)	Bolt DIN931 / 8.8	4	M20 x 40															

Table 2 contd.

VAT40																		
Capacity			5t									10t						
Reeving			2/1									4/1						
Number of trolleys			1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Beam width			B = 130...300															
Lifting height [m]			H1	H2	H3	H4	H5	H6	H7	H8	H9	H1	H2	H3	H4	H5	H6	H7
Pos.	Name	Qty	Catalogue number															
{1}	Traverse Fig.1	1	1112752	1112883	1112899	1115203	1115219	1343564	1343571	1343585	1343590	1115177	1115182	1115198	1342251	1343779	1343784	1343799
{1}	Traverse /with NOT/ Fig.1	1	1116034	1116043	1116055	1116060	1116076	1343606	1343611	1343627	1343632	1115177	1115182	1115198	1342251	1343779	1343784	1343799
{1}	Traverse for articulated trolley Fig.2	1	-	-	-	1115224	1115233	1343669	1343674	1343685	1343695	1115910	1115402	1115418	1342267	1343742	1343758	1343763
{1}	Traverse for articulated trolley /with NOT/ Fig.2	1	-	-	-	1116591	1116605	1343700	1343716	1343721	1343737	1115910	1115402	1115418	1342267	1343742	1343758	1343763
2	Washer	4	2325085															
(3)	Spring washer DIN7980	4	2 24H															
(4)	Bolt DIN931 / 8.8	4	M24 x 50															

Table 2 contd.

VAT50														
Capacity			8t											
Reeving			2/1											
Number of trolleys			2	2	2	2	2	2	2	2	2	2	2	2
Monorail trolley			KM40											
Beam width			B = 130...300											
Lifting height [m]			H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13
Pos.	Name	Qty	Catalogue number											
{1}	Traverse Fig.1	1	1343082	1343098	1115994	1343103	1389415	1343119	1343124	1343137	1343831	1343145	1343852	1343150
{1}	Traverse /with NOT/ Fig.1	1	1343166	1343171	1343187	1343192	1389420	1343208	1343213	1343229	1343847	1343234	1343868	1343240
{1}	Traverse for articulated trolley Fig.2	1	1343915	1343920	1343936	1343941	1389394	1343957	1343962	1343978	1343983	1343999	1386016	1386021
{1}	Traverse for articulated trolley /with NOT/ Fig.2	1	1386037	1386042	1386058	1386063	1389405	1386079	1386084	1386099	1386105	1386110	1386123	1386131
2	Washer	4	2330886											
(3)	Spring washer DIN7980	4	2 33H											
(4)	Bolt DIN931 / 8.8	4	M33 x 60											

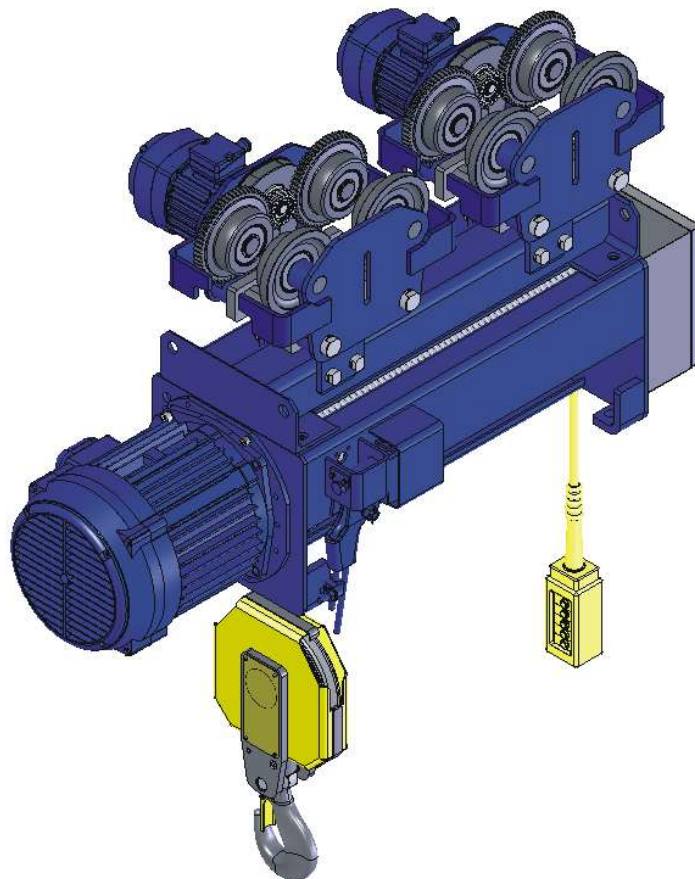


Table 3

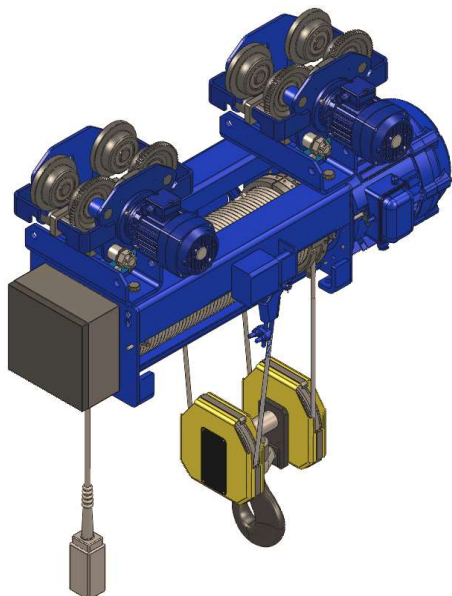
ГАБАРИТ			VAT10	VAT20	VAT30	VAT40
Capacity			1t	2t	3,2t	5t
Reeving			2/1	2/1	2/1	2/1
Number of trolleys			2	2	2	2
Monorail trolley			KM10	KM30	KM30	KM30
Beam width			B = 130...300	B = 130...300	B = 130...300	B = 130...300
Lifting height [m]			> H3	> H3	> H3	> H3
Pos.	Name	Qty	Catalogue number			
1	Traverse Fig.3	2	1392826	1393070	1393070	1393133
1	Traverse /with NOT/ Fig.3	2	1392831	1393065	1393065	1393128
1	Traverse for articulated trolley Fig.4	2	1392763	1392889	1392889	1392873
1	Traverse for articulated trolley /with NOT/ - Fig.4	2	1392779	1392700	1392700	1392737
2	Washer	4	2327213	2322917	2322917	2325085
3	Spring washer DIN7980	4	2 16H	2 20H	2 20H	2 24H
4	Bolt DIN931 / 8.8	4	M16 x 28	M20 x 50	M20 x 50	M24 x 50

ГАБАРИТ			VAT10	VAT20	VAT30	VAT40
Capacity			2t	4t	6,3t	10t
Reeving			4/1	4/1	4/1	4/1
Number of trolleys			2	2	2	2
Monorail trolley			KM10	KM30	KM30	KM40
Beam width			B = 130...300	B = 130...300	B = 130...300	B = 130...300
Lifting height [m]			H2 ; H3	H2 ; H3	H2 ; H3	H1 ; H2 ; H3
Pos.	Name	Qty	Catalogue number			
1	Traverse Fig.3	2	1392847	1393086	1393086	1393044
1	Traverse /with NOT/ Fig.3	2	1392847	1393086	1393086	1393044
1	Traverse for articulated trolley Fig.4	2	1392784	1392716	1392716	1392742
1	Traverse for articulated trolley /with NOT/ - Fig.4	2	1392784	1392716	1392716	1392742
2	Washer	4	2327213	2322917	2322917	2325085
3	Spring washer DIN7980	4	2 16H	2 20H	2 20H	2 24H
4	Bolt DIN931 / 8.8	4	M16 x 28	M20 x 50	M20 x 50	M24 x 50

ГАБАРИТ			VAT10L	VAT20L	VAT30L	VAT40L
Capacity			2t	4t	6,3t	10t
Reeving			4/1	4/1	4/1	4/1
Number of trolleys			2	2	2	2
Monorail trolley			KM10	KM30	KM30	KM40
Beam width			B = 130...300	B = 130...300	B = 130...300	B = 130...300
Lifting height [m]			> H3	> H3	> H3	> H3
Pos.	Name	Qty	Catalogue number			
1	Traverse Fig.3	2	1392852	1393091	1393091	1393058
1	Traverse /with NOT/ Fig.3	2	1392852	1393091	1393091	1393058
1	Traverse for articulated trolley Fig.4	2	1392805	1392721	1392721	1392758
1	Traverse for articulated trolley /with NOT/ - Fig.4	2	1392805	1392721	1392721	1392758
2	Washer	4	2327213	2322917	2322917	2325085
3	Spring washer DIN7980	4	2 16H	2 20H	2 20H	2 24H
4	Bolt DIN931 / 8.8	4	M16 x 28	M20 x 50	M20 x 50	M24 x 50

ГАБАРИТ			VAT50	VAT50	VAT50	VAT60	VAT60A
Capacity			8t	16t	16t	12,5t	16t
Reeving			2/1	4/1	4/1	2/1	2/1
Number of trolleys			2	2	2	2	2
Monorail trolley			KM40	KM60A	KM60A	KM60A	KM60A
Beam width			B = 130...300	B = 130...300	B = 130...300	B = 130...300	B = 130...300
Lifting height [m]			> H3	H1;H2;H3	> H3	> H3	> H2
Pos.	Name	Qty	Catalogue number				
1	Traverse Fig.3	2	1392983	1390132	1390132	1390076	1390076
1	Traverse /with NOT/ Fig.3	2	1392999	1390132	1390132	1390085	1390085
1	Traverse for articulated trolley Fig.4	2	1392962	1388427	1388427	1389462	1389462
1	Traverse for articulated trolley /with NOT/ - Fig.4	2	1392796	1388427	1388427	1389622	1389622
2	Washer	4	2330886	2330886	2330886	2330886	2330886
3	Spring washer DIN7980	4	2 33H	2 33H	2 33H	2 33H	2 33H
4	Bolt DIN931 / 8.8	4	M33 x 60	M33 x 60	M33 x 60	M33 x 60	M33 x 60

ГАБАРИТ			VAT50 /1Am/	VAT50 /1Am/	VAT60 /2m/	VAT60 /2m/
Capacity			20t	20t	20t	20t
Reeving			4/1	4/1	4/1	4/1
Number of trolleys			2	2	2	2
Monorail trolley			KM70	KM70	KM70	KM70
Beam width			B = 170...300	B = 170...300	B = 170...300	B = 170...300
Lifting height [m]			H1;H2;H3	> H3	H1;H2;H3	> H3
Pos.	Name	Qty	Catalogue number			
1	Traverse Fig.3	2	1392695	1392695	1393275	1393290
1	Traverse /with NOT/ Fig.3	2	1392695	1392695	1393285	1393290
1	Traverse for articulated trolley Fig.4	2	1388427	1388427	1389436	1390310
1	Traverse for articulated trolley /with NOT/ - Fig.4	2	1388427	1388427	1390305	1390310
2	Washer	4	2330886	2330886	2330886	2330886
3	Spring washer DIN7980	4	2 33H	2 33H	2 33H	2 33H
4	Bolt DIN931 / 8.8	4	M33 x 60	M33 x 60	M33 x 60	M33 x 60



MONORAIL TROLLEY – Fig.5

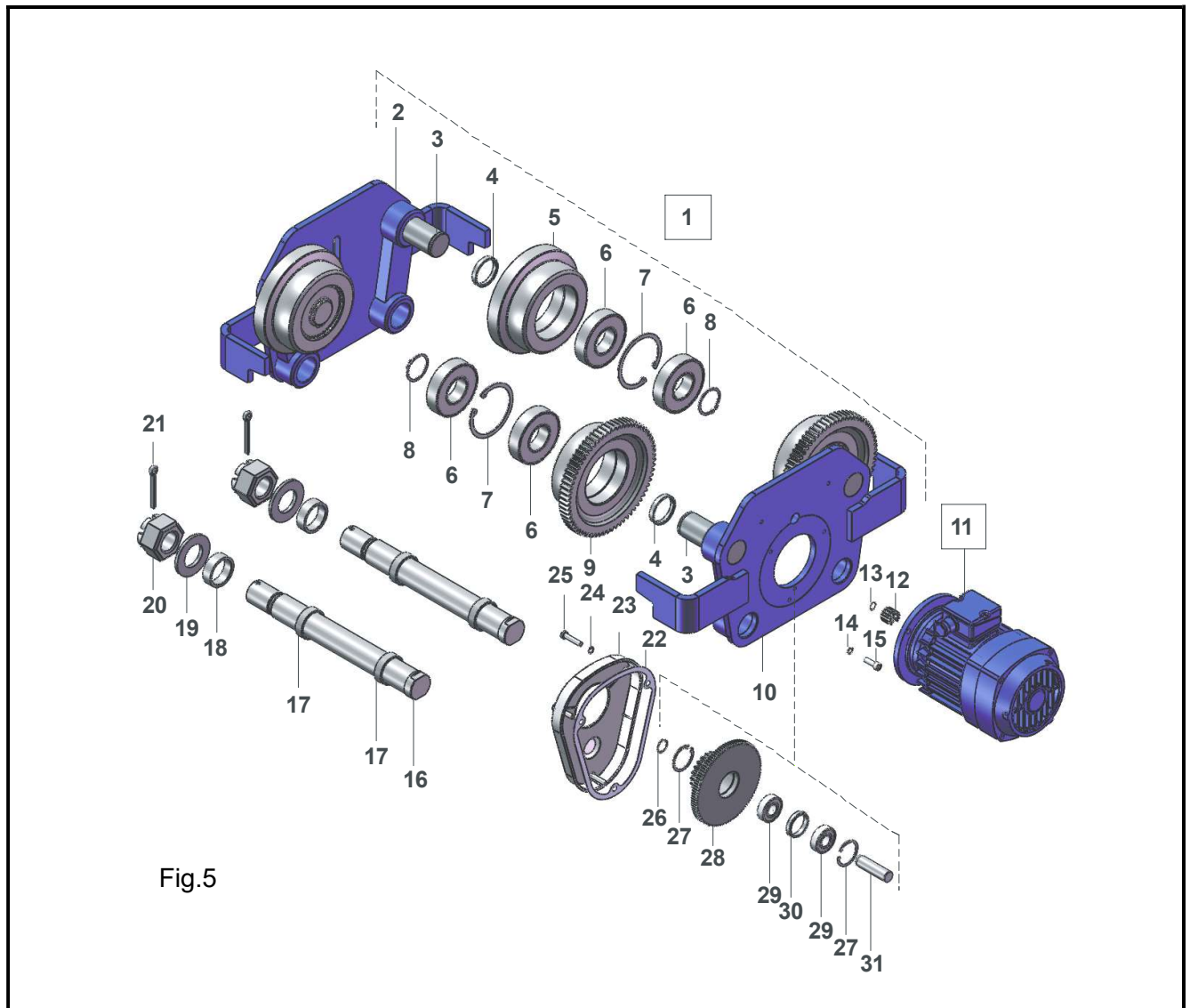


Fig.5

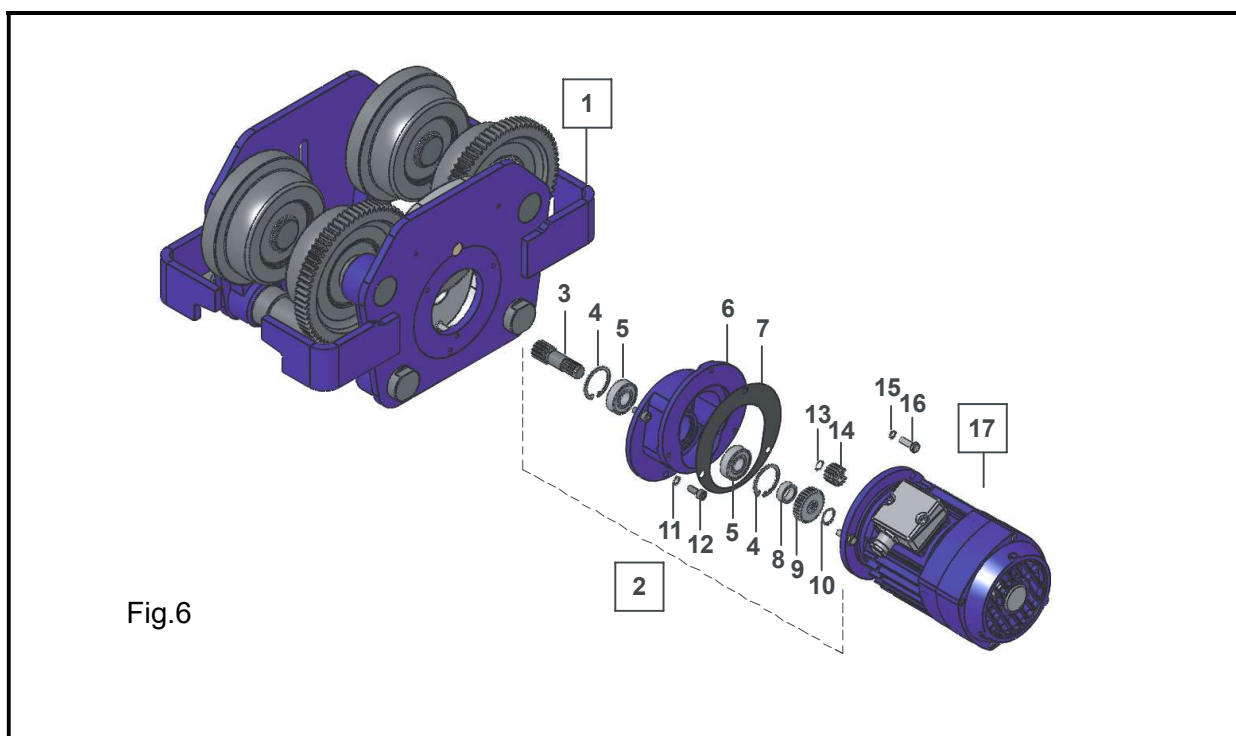
Table 4

Pos.	Name	Qty.	Catalogue number				
			KM10	KM30	KM40	KM60A	KM70
[1]	Monorail trolley	-	1376799	1376804	1374503	1374346	1377478
{2}	Driven side plate	1	1360899	1360988	1360857	1360768	1361122
3	Axle	4	2567658	2566612	2566371	2567569	2567857
4	Washer	4	2553624	2552002	2552018	-	-
(4)	Ring БДC2170-77	8	-	-	-	A110	-
(4)	Ring DIN472	8	-	-	-	-	120 x 4
5	Idler trolley frame	2	2561918	2561174	2560626	2561787	2562089
(6)	Bearing SKF	8	6305 - 2z	6307-2z	6309-2z	6310-2z	6311-2z
(7)	Ring БДC2170-77	4	A62	A80	A100	-	-
7	Space bush	4	-	-	-	2553425	2553713
(8)	Ring DIN471	4	25 x 1,2	35 x 1,5	45 x 1,75	50 x 2	55 x 2
9	Travel wheel (motorized)	2	2561902	2561169	2560605	2561771	2562073
{10}	Motorized trolley frame	1	1360883	1360946	1360815	1360752	1361117

Table 4 contd.

Pos.	Name		Qty.	Catalogue number				
				KM10	KM30	KM40	KM60A	KM70
[11]	Electric motor	20 m/min	1	KKT63-6	KKT71-6	KKT80-6 KKT80P6	KKT90-6	KKT90-6
		32 m/min	1	KKT63-4	KKT71-4	KKT80-4 KKT80P4	KKT90-4	KKT90-4
		20/10 m/min	1	KKT180B12/6	KKT80-12/6	KKT80-12/6 KKT80P12/6	KKT90P12/6	KKT90P12/6
		32/10 m/min	1	KKT180B12/4	KKT80-12/4	KKT80-12/4 KKT80P12/4	KKT90P12/4	KKT90P12/4
12	Gear wheel		1	2560909	2560599	2560599	2560599	2560599
(13)	Ring DIN471		1	10 x 1	12 x 1	12 x 1	12 x 1	12 x 1
(14)	Spring washer DIN7980		3	2 6H	2 8H	2 8H	2 8H	2 8H
(15)	Screw DIN912 / 8.8		3	M6 x 18	M8 x 20	M8 x 25	M8 x 25	M8 x 25
16	Special bolt* /Axle/		2	2597106	2597064	2566392	2567511	2566916
17	Bush*		4	2553561	2551983	2552023	2553357	2552730
18	Bush*		8	2553582	2551999	2552039	2553416	2552746
(19)	Washer DIN125		2	AM24	AM30	AM42	AM42	AM42
(20)	Castle nut DIN935		2	M24	M30	M42x3	M42x3	M42x3
(21)	Cotter pin DIN94		2	5 x 40	6 x 45	8 x 70	8 x 70	8 x 70
22	Cover		1	2545330	2545262	2545257	2545257	2545257
23	Gasket		1	2540162	2585462	2585478	2585478	2585478
(24)	Bolt DIN931 / 8.8		4	6 x 30	8 x 40	8 x 40	8 x 40	8 x 40
(25)	Spring washer DIN7980		4	2 6H	2 8H	2 8H	2 8H	2 8H
(26)	Ring DIN471		1	17 x 1	20 x 1,2	20 x 1,2	25 x 1,2	25 x 1,2
(27)	Ring БДC2170-77		2	-	A 47	A 47	A 47	A 47
(27)	Ring DIN472			40 x 1,75	-	-	-	-
28	Gear wheel block		1	2561923	2560888	2560610	2560940	2560940
(29)	Bearing SKF		2	6203-2RS	6204 z	6204 z	6005 z	6005 z
30	Space bush		1	2553650	2551077	2551077	2551564	2551564
31	Axle		1	2567663	2566628	2566387	2567574	2567574

ATTACHMENTS FOR MONORAIL TROLLEYS



ATTACHMENTS FOR MONORAIL TROLLEYS

Table 5

KM10			V [m/min]						
			8	10	12	15	12/4	15/5	20/6
Pos.	Name	Qty	Catalog number						
[1]	Monorail trolley	1	1376799						
	Attachment for monorail trolley	-	1380119	1380124	1380139	1380145	1380082	1380098	1380103
[2]	Attachment	1	1380187	1380192	1380208	1380192	1380187	1380192	1380208
3	Gear wheel shaft	1	2555642	2555642	2555642	2555642	2555642	2555642	2555642
(4)	Ring БДC2170-77	2	A 42	A 42	A 42	A 42	A 42	A 42	A 42
(5)	Bearing SKF	2	6004	6004	6004	6004	6004	6004	6004
6	Body	1	2540154	2540154	2540154	2540154	2540154	2540154	2540154
8	Space bush	1	2551255	2551255	2551255	2551255	2551255	2551255	2551255
9	Gear wheel	1	2560720	2560736	2560741	2560736	2560720	2560736	2560741
(10)	Ring БДC2170-77	1	B 20	B 20	B 20	B 20	B 20	B 20	B 20
7	Gasket	1	2545194	2545194	2545194	2545194	2545194	2545194	2545194
(11)	Screw DIN912 / 8.8	3	M6 x 20	M6 x 20	M6 x 20	M6 x 20	M6 x 20	M6 x 20	M6 x 20
(12)	Spring washer DIN7980	3	2 6H	2 6H	2 6H	2 6H	2 6H	2 6H	2 6H
(13)	Ring БДC2170-77	1	B 10	B 10	B 10	B 10	B 10	B 10	B 10
14	Gear wheel	1	2560668	2560673	2560689	2560673	2560668	2560673	2560689
(15)	Bolt DIN931 / 8	3	M6 x 25	M6 x 25	M6 x 25	M6 x 25	M6 x 25	M6 x 25	M6 x 25
(16)	Spring washer DIN7980	3	2 6H	2 6H	2 6H	2 6H	2 6H	2 6H	2 6H
[17]	Electric motor	1	KKT63-6	KKT63-6	KKT63-6	KKT63-4	KKT180B12/4	KKT180B12/4	KKT180B12/4

Table 5 contd.

KM30 / KM40 / KM60A / KM70			V [m/min]						
			8	10	12	15	12/4	15/5	20/6
Pos.	Name	Qty	Catalog number						
[1]	Monorail trolley	1	1376804 / 1374503 / 1374346 / 1377478						
	Attachment for monorail trolley	-	1380040	1380056	1380061	1380077	1380014	1380025	1380035
[2]	Attachment	1	1380150	1380166	1380171	1380166	1380150	1380166	1380171
3	Gear wheel shaft	1	2555637	2555637	2555637	2555637	2555637	2555637	2555637
(4)	Ring БДC2170-77	2	A 47	A 47	A 47	A 47	A 47	A 47	A 47
(5)	Bearing	2	6204	6204	6204	6204	6204	6204	6204
6	Body	1	2540149	2540149	2540149	2540149	2540149	2540149	2540149
8	Space bush	1	2551234	2551234	2551234	2551234	2551234	2551234	2551234
9	Gear wheel	1	2560694	2560706	2560715	2560706	2560694	2560706	2560715
(10)	Ring БДC2170-77	1	B 20	B 20	B 20	B 20	B 20	B 20	B 20
7	Gasket	1	2545189	2545189	2545189	2545189	2545189	2545189	2545189
(11)	Screw DIN912 / 8.8	3	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20
(12)	Spring washer DIN7980	3	2 8H	2 8H	2 8H	2 8H	2 8H	2 8H	2 8H
(13)	Ring БДC2170-77	1	B 12	B 12	B 12	B 12	B 12	B 12	B 12
(14)	Gear wheel	1	2560631	2560647	2560652	2560647	2560631	2560647	2560652
(15)	Bolt DIN931 / 8	3	M8 x 25	M8 x 25	M8 x 25	M8 x 25	M8 x 25	M8 x 25	M8 x 25
(16)	Spring washer DIN7980	3	2 8H	2 8H	2 8H	2 8H	2 8H	2 8H	2 8H
[17]	Electric motor	1	... - 6	... - 6	... - 6	... - 4	... - 12/4	... - 12/4	... - 12/4

MONORAIL TROLLEY – ARTICULATED TROLLEY – Fig.7

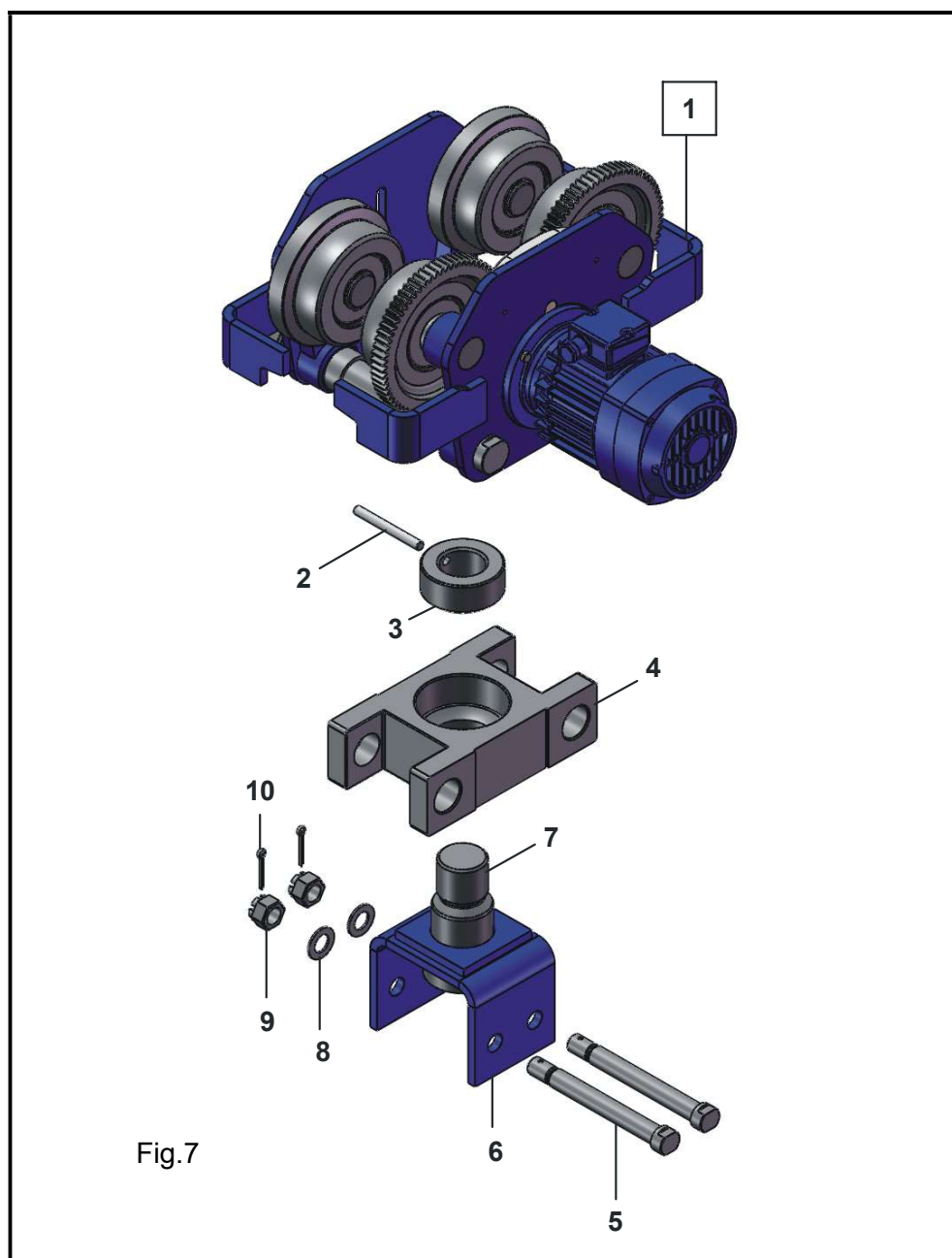


Fig.7

Table 6

Capacity			1t	3,2t	5t	8t	10t
Pos.	Name	Qty	Catalogue number				
[1]	Monorail trolley	-	KM10 fig.5,6	KM30 fig.5,6	KM40 fig.5,6	KM60A fig.5,6	KM70 fig.5,6
(2)	Spring pin DIN1481	1	8 x 60	10 x 90	12 x 100	-	-
2	Pin	1	-	-	-	2545304	2545304
3	Nut	1	2580218	2580223	2326749	1363135	1363135
4	Traverse	1	1324286	1324578	2532138	1326245	1301744
5	Axle	2	2566004	2325991	2326767	2566900	2566900
6	Bracket	1	1363093	1363067	1363109	1363140	1363140
7	Bolt	1	2597022	2597038	2326733	2597085	2597085
(8)	Washer DIN125	2	AM12	AM18	AM24	AM30	AM30
(9)	Castle nut DIN935	2	M12	M18	M24	M30	M30
(10)	Cotter pin DIN94	2	3,2 x 32	4 x 40	5 x 50	6,3 x 50	6,3 x 50